

Patent Abstracts of Japan

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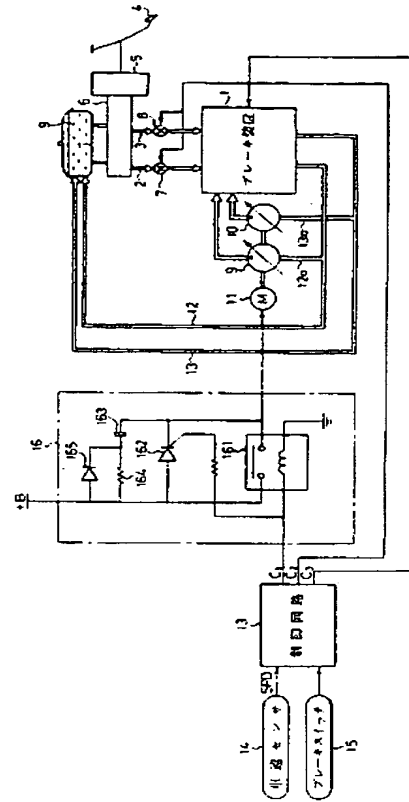
APPLICATION DATE : 25-12-84
 APPLICATION NUMBER : 59271781

APPLICANT : NIPPON DENSO CO LTD;

INVENTOR : HASHIMOTO YUKIO;

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TITLE : MOTOR DRIVE DEVICE FOR DRIVING
 ANTISKID ACTUATOR



ABSTRACT : PURPOSE: To improve responsive property and durability and reduce production cost by interposing a movable contact system relay circuit and a thyristor in parallel between a DC power supply and an actuator driving motor.

CONSTITUTION: Between a DC power supply +B and a motor 11 is interposed a motor drive device 16 which is constituted from a movable contact system relay circuit 161 and a thyristor 162, both being controlled by the control signal C_1 of a control circuit 13. In antiskid control, the thyristor 162 is first turned on by the control signal C_1 to supply motor starting current to the motor 11. Then after a certain delay time, the relay circuit 161 is turned on to close the relay contact. As a result, the thyristor 162 is turned off the motor starting current is supplied to the motor 11 through the relay circuit 161. Thus, large current is supplied in starting the motor and small current in stationary running of motor.

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